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NAME _____   DATE _____

CIRCUMFERENCE: Worksheet 3

Use $\pi = 3.14$. Round answers to hundredths if necessary.

1) $r = 40$ cm.
    Find C.

2) $d = 12$ ft.
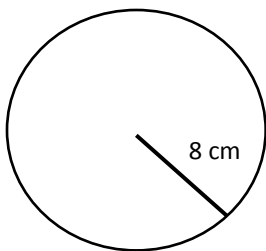   Find C.

3) $r = 8.1$ in.
    Find C.
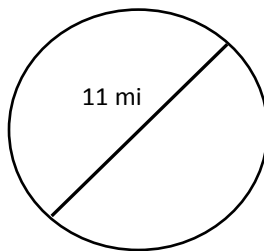
4) $d = 7$ mi.
    Find C.

5) C = 5 in.
    Find r.

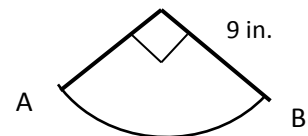6) C = 16 cm.
    Find r.

7) C = 4.6 mi.
    Find d.

8) Find C.

9) Find C.

10) Find the distance the
     pendulum swings from A to B.

8 cm

11 mi

9 in.

A

B

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Use π = 3.14. Round answers to hundredths if necessary.

1) $r = 40$ cm. $3.14 \bullet 80 = 251.2cm$
   Find C.

2) $d = 12$ ft. $3.14 \bullet 12 = 37.68\,ft$
   Find C.

3) $r = 8.1$ in. $3.14 \bullet 16.2 = 50.87\,in$
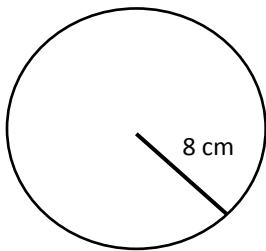   Find C.

4) $d = 7$ mi. $3.14 \bullet 7 = 21.98\,mi$
   Find C.

5) $C = 5$ in. $(5 \div 3.14) \div 2 = .80in$
   Find r.

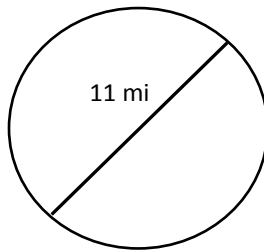6) $C = 16$ cm. $(16 \div 3.14) \div 2 = 2.55cm$
   Find r.

7) $C = 4.6$ mi. $4.6 \div 3.14 = 1.46mi$
   Find d.

8) Find C.

9) Find C.

10) Find the distance the
    pendulum swings from A to B.

8 cm

11 mi

9 in.

A

B

$3.14 \bullet 16 = 50.24cm$

$3.14 \bullet 11 = 34.54mi$

$C = 3.14 \bullet 18 = 56.52in$
$56.52 \div 4 = 14.13in$